



SEQUENCE LISTING

#5

<110> Crucell Holland B.V.

Houtzager, Erwin

Logtenberg, Ton

de Kruif, Cornelis A.

<120> Chimaeric Phages

<130> 2183-4957US

<140> US 09/882,621

<141> 2001-06-15

<160> 8

<170> PatentIn version 3.1

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer D3 BamHI Forward

<400> 1

ggatcctctg gttccgggtga tttgattatg

30

<210> 2

<211> 30

<212> DNA

<213> Artificial sequence

<220>

<223> Primer D3 BamHI Backward

<400> 2
ggatccagcg gagtgagaat agaaaggaac 30

<210> 3

<211> 33

<212> DNA

<213> Artificial sequence

<220>

<223> Primer g3 minus HindIII Forward

<400> 3
aagcttctgc gtaataagga gtcttaatca tgc 33

<210> 4

<211> 31

<212> DNA

<213> Artificial sequence

<220>

<223> Primer g3 minus HindIII Backward

<400> 4
aagcttggtg aaaatctcca aaaaaaaaaagg c 31

<210> 5

<211> 31

<212> DNA

<213> Artificial sequence

<220>

<223> Primer g3 ORF NcoI Forward

<400> 5

ccatggctga aactgttcaa agttgttag c

31

<210> 6

<211> 31

<212> DNA

<213> Artificial sequence

<220>

<223> Primer g3 ORF XbaI Backward

<400> 6

tcttagattaa gactccttat tacgcagtat g

31

<210> 7

<211> 266

<212> DNA

<213> Artificial sequence

<220>

<223> Sequence of the part of the helper phage that surrounds the g3 deletion

<400> 7

ggttatgcgt gggcgatgg tttgtcatt gtcggcCAA ctatcggtat caagctgttt 60

aagaaaattca cctcgaaAGC aagctgataa accgatacaa ttAAaggGTC cttttggagc 120

ctttttttt ggagatttc aacaagcttc tgcgtataa ggagtcttaa tcatgccagt 180

tctttgggt attccgttat tattgcgttt cctcggttc cttctggtaa ctttgttcgg 240

ctatctgcTA actttctta aaaagg 266

<210> 8

<211> 832

<212> DNA

<213> Artificial sequence

<220>

<223> Representation of the helper phage genome deleted for part of the

g3 gene

<400> 8	
ttgactccct gcaaggctca gcgaccgaat atatcggtta tgcgtggcg atggttgtg	60
tcattgtcgg cgcaactatc ggtatcaagc tggtaagaa attcacctcg aaagcaagct	120
gataaaccga tacaattaaa ggctcctttt ggagcctttt tttttggaga ttttcaacgt	180
gaaaaaaatta ttattcgaa ttcccttagt tgccctttc tattctcaact ccgctaagct	240
ttctggttcc ggtgattttg attatgaaaa tatggcaaac gctaataagg gggctatgac	300
cgaaaaatgcc gatgaaaaacg cgctacagtc tgacgctaaa ggcaaaacttg attctgtcgc	360
tactgattac ggtgctgcta tcgacggttt cattggtgac gtttccggcc ttgctaatgg	420
taatggtgct actggtgatt ttgctggctc taattccaa atggctcaag tcggtgacgg	480
tgataattca ccttaatga ataattccg tcaatattta ccttccttc ctcaatcggt	540
tgaatgtcgc cctttgtct ttgcgcgtgg taaaccatat gaattttcta ttgattgtga	600
caaaataaaac ttattccgtg gtgtcttgc gtttcttta tatgttgcca cctttatgta	660
tgtatttcg acgtttgcta acatactgcg taataaggag tcttaatcat gccagttctt	720
ttgggtattc cgttattatt gcgttcctc gggttccttc tggtaacttt gttcggctat	780
ctgctaactt ttcttaaaaaa gggcttcggt aagatagcta ttgcttatttc at	832